

Solutions Manual for Fundamentals Of Financial Accounting CDN 7th Phillips

Chapter 1

Business Decisions and Financial Accounting

ANSWERS TO QUESTIONS

1. Accounting is a system of analyzing, recording, and summarizing the results of a business's activities and then reporting them to decision makers.
2. An advantage of operating as a sole proprietorship, rather than a corporation, is that it is easy to establish. Another advantage is that income from a sole proprietorship is taxed only once in the hands of the individual proprietor (income from a corporation is taxed in the corporation and then again in the hands of the individual shareholder). A disadvantage of operating as a sole proprietorship, rather than a corporation, is that the individual proprietor can be held responsible for the debts of the business.
3. Financial accounting focuses on preparing and using the financial statements that are made available to owners and external users such as customers, creditors, and potential investors who are interested in reading them. Managerial accounting focuses on other accounting reports that are not released to the general public, but instead are prepared and used by employees, supervisors, and managers who operate the company.
4. Financial reports are used by both internal and external groups and individuals. The internal groups are comprised of the various managers of the business. The external groups include investors, creditors, governmental agencies, other interested parties, and the public at large.
5. The business itself, not the individual shareholders who own the business, is viewed as owning the assets and owing the liabilities on its balance sheet. A business's balance sheet includes the assets, liabilities, and shareholders' equity of only that business and not the personal assets, liabilities, and equity of the shareholders. The financial statements of a company show the results of the business activities of only that company.
6. (a) Operating – These activities are directly related to earning profits. They include buying supplies, making products, serving customers, cleaning the premises, advertising, renting a building, repairing equipment, and obtaining insurance coverage.
(b) Investing – These activities involve buying and selling productive resources with long lives (such as buildings, land, equipment, and tools), purchasing investments, and lending to others.
(c) Financing – Any borrowing from banks, repaying bank loans, receiving contributions from shareholders, or paying dividends to shareholders are considered financing activities.

7. The heading of each of the four primary financial statements should include the following:
 - (a) Name of the business
 - (b) Name of the statement
 - (c) Date of the statement, or the period of time covered by the statement
8.
 - (a) The purpose of the balance sheet is to report the financial position (assets, liabilities and shareholders' equity) of a business at a point in time.
 - (b) The purpose of the income statement is to present information about the revenues, expenses, and net income of a business for a specified period of time.
 - (c) The statement of retained earnings reports the way that net income and the distribution of dividends affected the financial position of the company during the period.
 - (d) The purpose of the statement of cash flows is to summarize how a business's operating, investing, and financing activities caused its cash balance to change over a particular period of time.
9. The income statement, statement of retained earnings, and statement of cash flows would be dated "For the Year Ended December 31, 2023," because they report the inflows and outflows of resources during a period of time. In contrast, the balance sheet would be dated "At December 31, 2023," because it represents the assets, liabilities, and shareholders' equity at a specific date.
10. Net income is the excess of total revenues over total expenses. A net loss occurs if total expenses exceed total revenues.
11. The accounting equation for the balance sheet is: $\text{Assets} = \text{Liabilities} + \text{Shareholders' Equity}$. Assets are the economic resources controlled by the company. Liabilities are amounts owed by the business. Shareholders' equity is the owners' claims to the business. It includes amounts contributed to the business (by investors through purchasing the company's shares) and the amounts earned and accumulated through profitable business operations.
12. The equation for the income statement is $\text{Revenues} - \text{Expenses} = \text{Net Income}$. Revenues are increases in a company's resources, arising primarily from its operating activities. Expenses are decreases in a company's resources, arising primarily from its operating activities. Net Income is equal to revenues minus expenses. (If expenses exceed revenues, the company has a Net Loss.)
13. The equation for the statement of retained earnings is: $\text{Beginning Retained Earnings} + \text{Net Income} - \text{Dividends} = \text{Ending Retained Earnings}$. It begins with beginning-of-the-year retained earnings, which is the prior year's ending retained earnings reported on the prior year's balance sheet. The current year's net income reported on the income statement is added and the current year's dividends declared are subtracted from this amount. The ending retained earnings amount is reported on the end-of-year balance sheet.

14. The equation for the statement of cash flows is: Cash flows from operating activities + Cash flows from investing activities + Cash flows from financing activities = Change in cash for the period. Change in cash for the period + Beginning cash balance = Ending cash balance. The net cash flows for the period represent the increase or decrease in cash that occurred during the period. Cash flows from operating activities are cash flows directly related to earning income (normal business activity). Cash flows from investing activities include cash flows that are related to the acquisition or sale of the company's long-term assets. Cash flows from financing activities are directly related to the financing of the company.
15. Currently, the Chartered Professional Accountants of Canada (CPA) is given the primary responsibility for setting the detailed rules that become Generally Accepted Accounting Principles (GAAP) in Canada. (Internationally, the International Accounting Standards Board (IASB) has the responsibility for setting accounting rules known as International Financial Reporting Standards (IFRS).)
16. The main goal of accounting rules is to ensure that companies produce useful financial information for present and potential investors, lenders, and other creditors in making decisions in their capacity as capital providers. Financial information must show relevance and faithful representation, as well as be comparable, verifiable, timely, and understandable.
17. An ethical dilemma is a situation where following one moral principle would result in violating another. Three steps that should be considered when evaluating ethical dilemmas are:
 - (a) Identify who will benefit from the situation (often, the manager or employee) and how others will be harmed (other employees, the company's reputation, owners, creditors, and the public in general).
 - (b) Identify the alternative courses of action.
 - (c) Choose the alternative that is the most ethical – that which you would be proud to have reported in the news media. Often, there is no one right answer and hard choices will need to be made. Following strong ethical practices is a key part of ensuring good financial reporting by businesses of all sizes.

18. Accounting frauds and cases involving academic dishonesty are similar in many respects. Both involve deceiving others in an attempt to influence their actions or decisions, often resulting in temporary personal gain for the deceiver. For example, when an accounting fraud is committed, financial statement users may be misled into making decisions they wouldn't have made had the fraud not occurred (e.g., creditors might loan money to the company, investors might invest in the company, or directors might reward top managers with big bonuses). When academic dishonesty is committed, instructors might assign a higher grade than is warranted by the student's individual contribution. Another similarity is that, as a consequence of the deception, innocent bystanders may be adversely affected by fraud and academic dishonesty. Fraud may require the company to charge higher prices to customers to cover costs incurred as a result of the fraud. Academic dishonesty may lead to stricter grading standards, with significant deductions taken for inadequate documentation of sources referenced. A final similarity is that if fraud and academic dishonesty are ultimately uncovered, both are likely to lead to adverse long-term consequences for the perpetrator. Fraudsters may be fined, imprisoned, and encounter an abrupt end to their careers. Students who cheat may be penalized through lower course grades or expulsion, and might find it impossible to obtain academic references for employment applications.

**Authors' Recommended Solution Time
(Time in minutes)**

<i>Mini-exercises</i>		<i>Exercises</i>		<i>Problems</i>		<i>Skills Development Cases*</i>		<i>Continuing Case</i>	
<i>No.</i>	<i>Time</i>	<i>No.</i>	<i>Time</i>	<i>No.</i>	<i>Time</i>	<i>No.</i>	<i>Time</i>	<i>No.</i>	<i>Time</i>
1	3	1	10	CP1-1	45	1	20	1	45
2	11	2	10	CP1-2	10	2	20		
3	12	3	15	CP1-3	60	3	30		
4	6	4	25	CP1-4	5	4	30		
5	6	5	25	PA1-1	45	5	20		
6	6	6	10	PA1-2	10	6	30		
7	6	7	15	PA1-3	50	7	45		
8	4	8	10	PA1-4	45				
9	4	9	20	PA1-5	50				
10	3	10	10	PB1-1	45				
11	3	11	3	PB1-2	10				
12	6	12	3	PB1-3	45				
13	6			PB1-4	10				
14	6			PB1-5	50				
15	6								
16	12								

* Due to the nature of cases, it is very difficult to estimate the amount of time students will need to complete them. As with any open-ended project, it is possible for students to devote a large amount of time to these assignments. While students often benefit from the extra effort, we find that some become frustrated by the perceived difficulty of the task. You can reduce student frustration and anxiety by making your expectations clear, and by offering suggestions (about how to research topics or what companies to select). The skills developed by these cases are indicated below.

Case	Financial Analysis	Research	Ethical Reasoning	Critical Thinking	Technology	Writing	Teamwork
1	x						
2	x						
3	x	x			x	x	x
4	x		x	x			
5	x			x		x	
6	x			x		x	
7	x				x		

ANSWERS TO MINI-EXERCISES

M1-1

Abbreviation	Full Designation
1. CPA	Chartered Professional Accountant
2. GAAP	Generally Accepted Accounting Principles
3. IASB	International Accounting Standards Board
4. CSA	Canadian Securities Administrators
5. IFRS	International Financial Reporting Standards
6. ASPE	Accounting Standards for Private Enterprises

M1-2

Term or Abbreviation	Definition
<u>F</u> (1) Investing activities	A. A system that collects and processes financial information about an organization and reports that information to decision makers
<u>D</u> (2) Private company	B. Measurement of information about a business in the monetary unit (dollars or other national currency)
<u>E</u> (3) Corporation	C. An unincorporated business owned by two or more persons
<u>A</u> (4) Accounting	D. A company that sells shares privately and is not required to release its financial statements to the public
<u>C</u> (5) Partnership	E. An incorporated business that issues shares as evidence of ownership
<u>I</u> (6) AcSB	F. Buying and selling productive resources with long lives.
<u>G</u> (7) Financing activities	G. Transactions with lenders (borrowing and repaying cash) and shareholders (selling company shares and paying dividends)
<u>B</u> (8) Unit of measure	H. Activities directly related to running the business to earn profit
<u>K</u> (9) GAAP	I. Accounting Standards Board
<u>J</u> (10) Public company	J. A company that has its shares bought and sold by investors on established stock exchanges
<u>H</u> (11) Operating activities	K. Generally accepted accounting principles

M1-3

	Term	Definition
<u>F</u>	(1) Relevance	A. The financial reports of a business are assumed to include the results of only that business's activities
<u>I</u>	(2) Faithful representation	B. The resources owned by a business
<u>C</u>	(3) Comparability	C. Financial information that can be compared across businesses because similar accounting methods have been applied
<u>A</u>	(4) Separate entity	D. The total amounts invested and reinvested in the business by its owners
<u>B</u>	(5) Assets	E. The costs of business necessary to earn revenues
<u>H</u>	(6) Liabilities	F. A feature of financial information that allows it to influence a decision
<u>D</u>	(7) Shareholders' equity	G. Earned by selling goods or services to customers.
<u>G</u>	(8) Revenues	H. The amounts owed by the business
<u>E</u>	(9) Expenses	I. Financial information that depicts the economic substance of business activities
<u>J</u>	(10) Unit of measure	J. The assumption which states that results of business activities should be reported in an appropriate monetary unit

M1-4

<u>L (B/S)</u>	(1) Accounts Payable
<u>A (B/S)</u>	(2) Accounts Receivable
<u>E (I/S)</u>	(3) Income Tax Expense
<u>E (I/S)</u>	(4) Selling, General and Administrative Expense
<u>R (I/S)</u>	(5) Sales Revenue
<u>L (B/S)</u>	(6) Notes Payable
<u>SE(B/S)</u>	(7) Retained Earnings

M1-5

<u>A (B/S)</u>	(1) Accounts Receivable
<u>R (I/S)</u>	(2) Sales Revenue
<u>A (B/S)</u>	(3) Equipment
<u>E (I/S)</u>	(4) Supplies Expense
<u>A (B/S)</u>	(5) Cash
<u>E (I/S)</u>	(6) Advertising Expense
<u>L (B/S)</u>	(7) Accounts Payable
<u>SE(B/S)</u>	(8) Retained Earnings

M1-6

<u>A (B/S)</u>	(1) Accounts Receivable
<u>E (I/S)</u>	(2) Selling and Administrative Expenses
<u>A (B/S)</u>	(3) Cash
<u>A (B/S)</u>	(4) Equipment
<u>E (I/S)</u>	(5) Advertising Expense
<u>R (I/S)</u>	(6) Sales Revenue
<u>L (B/S)</u>	(7) Notes Payable
<u>SE(B/S)</u>	(8) Retained Earnings
<u>L (B/S)</u>	(9) Accounts Payable

M1-7

<u>L (B/S)</u>	(1) Accounts Payable
<u>SE(B/S)</u>	(2) Contributed Capital
<u>A (B/S)</u>	(3) Equipment
<u>A (B/S)</u>	(4) Accounts Receivable
<u>L (B/S)</u>	(5) Notes Payable
<u>A (B/S)</u>	(6) Cash
<u>SE(B/S)</u>	(7) Retained Earnings
<u>E (I/S)</u>	(8) Selling and Administrative Expenses
<u>R (I/S)</u>	(9) Sales Revenue
<u>A (B/S)</u>	(10) Supplies

M1-8

<u>SRE*</u>	(1) Dividends Declared
<u>B/S</u>	(2) Total Shareholders' Equity
<u>I/S</u>	(3) Sales Revenue
<u>B/S</u>	(4) Total Assets
<u>SCF</u>	(5) Cash Flows from Operating Activities
<u>B/S</u>	(6) Total Liabilities
<u>I/S, SRE</u>	(7) Net Income
<u>SCF</u>	(8) Cash Flows from Financing Activities

* An argument could be made for also including SCF as a plausible answer because the SCF reports "Dividends paid in cash." The answer SCF has been excluded here because (technically) the caption would have to read "Dividends paid in cash" if it were to be reported on the SCF.

M1-9

	Element	Financial Statement
<u> D </u>	(1) Cash Flows from Financing Activities	A. Balance Sheet
<u> B </u>	(2) Expenses	B. Income Statement
<u> D </u>	(3) Cash Flows from Investing Activities	C. Statement of Retained Earnings
<u> A </u>	(4) Assets	D. Statement of Cash Flows
<u> C </u>	(5) Dividends	
<u> B </u>	(6) Revenues	
<u> D </u>	(7) Cash Flows from Operating Activities	
<u> A </u>	(8) Liabilities	

M1-10

<u> (F) </u>	(1) Cash paid for dividends
<u> O </u>	(2) Cash collected from customers
<u> F </u>	(3) Cash received when signing a note
<u> (O) </u>	(4) Cash paid to employees
<u> (I) </u>	(5) Cash paid to purchase equipment
<u> F </u>	(6) Cash received from issuing shares

M1-11

<u> (I) </u>	(1) Cash paid to purchase equipment
<u> O </u>	(2) Cash collected from clients
<u> I </u>	(3) Cash received from selling equipment
<u> (F) </u>	(4) Cash paid for dividends
<u> (O) </u>	(5) Cash paid to suppliers
<u> F </u>	(6) Cash received from issuing shares

M1-12

STONE CULTURE CORPORATION
Statement of Retained Earnings
For the Year Ended December 31, 2022

Retained Earnings, January 1, 2022	\$ 0
Add: Net Income	36,000
Subtract: Dividends	<u>(15,000)</u>
Retained Earnings, December 31, 2022	<u>\$ 21,000</u>

M1-12 (continued)

STONE CULTURE CORPORTATION
Statement of Retained Earnings
For the Year Ended December 31, 2023

Retained Earnings, January 1, 2023	\$ 21,000
Add: Net Income	45,000
Subtract: Dividends	<u>(20,000)</u>
Retained Earnings, December 31, 2023	<u><u>\$ 46,000</u></u>

M1-13

	Apple Inc.	Alphabet Inc.	Intel Corp.
Contributed Capital	\$65	\$59	\$27
Dividends	15	0	6
Net Income	(a) 100	(d) 34	(g) 20
Retained Earnings, Beginning of Year	6	163	56
Retained Earnings, End of Year	(b) 91	(e) 197	(h) 70
Total Assets	(c) 458	(f) 353	(i) 170
Total Expenses	294	128	59
Total Liabilities	302	97	73
Total Revenues	394	162	79

Net Income = Revenues – Expenses

Retained Earnings, End of Year = Retained Earnings Beginning of Year + Net Income – Dividends

Total Assets = Total Liabilities and Shareholders' Equity

M1-14

	Amazin' Corp.	Best Tech, Inc.	Colossal Corp.
Contributed Capital	\$5	\$15	\$100
Dividends	10	5	50
Net Income	(a) 25	(d) 20	(g) 100
Retained Earnings, Beginning of Year	30	0	200
Retained Earnings, End of Year	(b) 45	(e) 15	(h) 250
Total Assets	(c) 80	(f) 60	(i) 700
Total Expenses	75	30	200
Total Liabilities	30	30	350
Total Revenues	100	50	300

M1-14 (continued)

Net Income = Revenues – Expenses

Retained Earnings, End of Year = Retained Earnings, Beginning of Year + Net Income – Dividends

Total Assets = Total Liabilities and Shareholders' Equity

M1-15

(a) (2,121) (b) 11,447 (c) 6,682. Activision Blizzard, Inc. was profitable because its revenues (\$8,803) were greater than its expenses (\$6,682), resulting in the net income of \$2,121 reported on the income statement.

The above amounts are determined using the various relationships that exist in the financial statements. Because this exercise excludes two pieces of information from both the income statement and statement of retained earnings, students must first work backwards from the balance sheet to the statement of retained earnings to the income statement. Although not required, the following statements show the given and missing information. The ?s in the balance sheet are determined from $A = L + SE$.

**Activision Blizzard, Inc.
Income Statement
For the Year Ended xxxx**

Revenues	\$8,803
Expenses	(c)
Net Income (Loss)	(a)

**Activision Blizzard, Inc.
Statement of Retained Earnings
For the Year Ended xxxx**

RE, beginning	\$9,691
Net Income (loss)	(a)
Dividends Declared	<u>(365)</u>
RE, ending	(b)

**Activision Blizzard, Inc.
Balance Sheet
At xxxx**

Total Assets	<u>\$25,056</u>
Liabilities and Shareholders' Equity	
Total Liabilities	<u>\$7,457</u>
Shareholders' Equity	
Contributed Capital	\$6,152
Retained Earnings	(b)
Total Shareholders' Equity	?
Total Liabilities and Shareholders' Equity	?

M1-16

Req. 1

WESTJET AIRLINES LTD.
Income Statement
For the Year Ended December 31
(Amounts in millions)

Revenues	
Ticket Revenues	\$ 9,861
Other Revenue	<u>336</u>
Total Revenue	<u>10,197</u>
Expenses	
Salaries Expense	3,213
Aircraft Fuel Expense	2,536
Other Operating Expenses	2,145
Repairs and Maintenance Expense	616
Landing Fees Expense	560
Interest Expense	69
Income Tax Expense	<u>413</u>
Total Expenses	<u>9,552</u>
Net Income	<u><u>\$ 645</u></u>

Req. 2

WESTJET AIRLINES, LTD.
Statement of Retained Earnings
For the Year Ended December 31
(Amounts in millions)

Retained Earnings, January 1	\$ 4,157
Add: Net Income	645
Subtract: Dividends	<u>(14)</u>
Retained Earnings, December 31	<u><u>\$ 4,788</u></u>

M1-16 (continued)

Req. 3

WESTJET AIRLINES, LTD.
 Balance Sheet
 At December 31
(Amounts in millions)

Assets	
Cash	\$ 2,213
Accounts Receivable	845
Supplies	259
Property and Equipment	10,874
Other Assets	2,581
Total Assets	<u>\$ 16,772</u>
Liabilities	
Accounts Payable	\$ 1,731
Notes Payable	4,993
Other Liabilities	3,107
Total Liabilities	<u>9,831</u>
Shareholders' Equity	
Contributed Capital	2,153
Retained Earnings	4,788
Total Shareholders' Equity	<u>6,941</u>
Total Liabilities and Shareholders' Equity	<u>\$ 16,772</u>

Req. 4

WestJet Airlines financed its assets primarily with liabilities (\$9,831) as opposed to shareholders' equity (\$6,941).

ANSWERS TO EXERCISES

E1-1

- a) Assets = Liabilities + Shareholders' Equity
= \$13,750 + \$4,450
= \$18,200
= Assets reported on the balance sheet
- b) Net Income = Revenue – Expenses
= \$10,500 – \$9,200
= \$1,300
= Net income reported on the income statement
- c) Beginning Retained Earnings (R/E) + Net Income – Dividends Declared = Ending R/E
\$3,500 + \$1,300 – \$500 = \$4,300
- d) Beginning Cash + Cash Flows from Operating Activities + Cash Flows from Investing Activities + Cash Flows from Financing Activities = Ending Cash
\$1,000 + \$1,600 + \$(1,000) + \$(900) = \$700

E1-2

- a) Assets = Liabilities + Shareholders' Equity
= \$18,500 + \$61,000
= \$79,500
= Assets reported on the balance sheet
- b) Net Income = Revenue – Expenses
= \$32,100 – \$18,950
= \$13,150
= Net income reported on the income statement
- c) Beginning Retained Earnings (R/E) + Net Income – Dividends Declared = Ending R/E
\$20,500 + \$13,150 – \$4,900 = \$28,750
- d) Beginning Cash + Cash Flows from Operating Activities + Cash Flows from Investing Activities + Cash Flows from Financing Activities = Ending Cash
\$3,200 + \$15,700 + \$(7,200) + \$(5,300) = \$6,400

E1-3

Req. 1

<u>Item</u>	<u>Account Name</u>
Amounts owed to suppliers	Accounts Payable
Designer Brands' right to collect on account	Accounts Receivable
Currency and bank account balances	Cash
Shares issued to shareholders	Contributed Capital
Warehouses, stores, and offices	Buildings
Merchandise held for sale	Inventory
Amounts owed for promissory notes	Notes Payable
Accumulated profits of the company	Retained Earnings (deficit)

Req. 2

Designer Brands Inc.
Balance Sheet
At January 29, 2022
(in millions)

Assets	
Cash	\$ 73
Accounts Receivable	200
Inventory	586
Buildings	257
Total Assets	<u>\$1,116</u>
Liabilities	
Accounts Payable	\$ 341
Notes Payable	226
Total Liabilities	<u>567</u>
Shareholders' Equity	
Contributed Capital	490
Retained Earnings	59
Total Shareholders' Equity	<u>549</u>
Total Liabilities and Shareholders' Equity	<u>\$1,116</u>

Req. 3

Most of the financing as of January 29, 2022, came from creditors. The creditors have financed \$567 million of the total assets and shareholders have financed \$549 million of the total assets of the company.

E1-4

Req. 1

READER DIRECT
Balance Sheet
At December 31, 2023

Assets		Liabilities	
Cash	\$ 47,500	Accounts Payable	\$ 8,000
Accounts Receivable	26,900	Notes Payable	<u>2,850</u>
Property and Equipment	<u>48,000</u>		
		Total Liabilities	<u>10,850</u>
		Shareholders' Equity	
		Contributed Capital	98,000
		Retained Earnings	<u>13,550</u>
		Total Shareholders' Equity	<u>111,550</u>
		Total Liabilities and	
Total Assets	<u>\$122,400</u>	Shareholders' Equity	<u>\$122,400</u>

Req. 2

Beginning Retained Earnings (R/E) + Net Income – Dividends = Ending R/E, so
 Net Income = Ending R/E + Dividends – Beginning R/E
 = \$13,550 + 0 – 0
 = \$13,550

Net income for the year was \$13,550. This is the first year of operations and no dividends were declared or paid to shareholders; therefore, retained earnings is \$13,550 (which represents income for one year).

Req. 3

Most of the financing as of December 31, 2023, came from shareholders. The shareholders have financed \$111,550 of the total assets and creditors have financed only \$10,850 of the total assets of the company.

Req. 4

Beginning Retained Earnings (R/E) + Net Income – Dividends = Ending R/E, so
 Ending R/E = \$13,550 + \$3,000 – \$2,000
 = \$14,550

Retained Earnings at December 31, 2024, would be \$14,550.

E1-5

	Req. 1 Label	Req. 2 Type
a. Coins and currency	Cash	A
b. Amounts that K-Swiss owes to suppliers of shoes	Accounts Payable	L
c. Amounts that K-Swiss can collect from customers	Accounts Receivable	A
d. Amounts owed to bank for loan to buy building	Notes Payable	L
e. Property on which buildings will be built	Land	A
f. Amounts distributed from profits to shareholders	Dividends	SE
g. Amounts earned by K-Swiss by selling shoes	Sales Revenue	R
h. Unused paper in K-Swiss head office	Supplies	A
i. Cost of paper used up during month	Supplies Expense	E
j. Amounts contributed by shareholders to K-Swiss	Contributed Capital	SE

E1-6

Req. 1

CINEPLEX INC.
Income Statement
For the Quarter Ended June 30, 2022
(in thousands)

Revenues	
Admissions Revenue	\$136,000
Concessions Revenue	111,000
Total Revenues	<u>247,000</u>
Expenses	
Salaries and Wages Expense	103,000
Film Rental Expense	70,000
Office Expense	70,000
Interest Expense	29,000
Concessions Expense	25,000
Rent Expense	300
Total Expenses	<u>297,300</u>
Net Income(Loss)	<u>\$50,300</u>

The question mark in the exercise corresponds to Net Loss of \$50,300, as determined above.

Req. 2

Cineplex's main source of revenue is theatre admissions and its two biggest expenses are salaries and wages expense and film rental expense.

E1-7

BEAR CLAW HOME REALTY, INC.
Income Statement
For the Year Ended December 31

Revenue	
Sales Revenue	<u>\$166,000</u>
Expenses	
Selling Expenses	97,000
Promotion and Advertising Expenses	9,025
Interest Expense	6,300
Income Tax Expense	<u>18,500</u>
Total Expenses	<u>130,825</u>
Net Income	<u>\$ 35,175</u>

Note that dividends declared are not an expense. As a distribution of the company's prior profits, they will be deducted from Retained Earnings.

E1-8

- A Net Income = \$100,000 – \$82,000 = \$18,000
 Shareholders' Equity = \$150,000 – \$70,000 = \$80,000
- B Total Revenues = \$80,000 + \$12,000 = \$92,000
 Total Liabilities = \$112,000 – \$60,000 = \$52,000
- C Net Income (Loss) = \$80,000 – \$86,000 = \$(6,000)
 Shareholders' Equity = \$104,000 – \$26,000 = \$78,000
- D Total Expenses = \$50,000 – \$13,000 = \$37,000
 Total Assets = \$22,000 + \$77,000 = \$99,000
- E Total Revenues = \$81,000 – \$6,000 = \$75,000
 Total Assets = \$73,000 + \$28,000 = \$101,000

E1-9

Req. 1

MONCTON CLAY CORPORATION
Income Statement
For the Month Ended January 31

Total Revenues	\$131,000
Operating Expenses	<u>90,500</u>
Net Income	<u>\$ 40,500</u>

MONCTON CLAY CORPORATION
Balance Sheet
At January 31

Assets	
Cash	\$30,800
Accounts Receivable	25,300
Supplies	<u>40,700</u>
Total Assets	<u>\$96,800</u>
Liabilities	
Accounts Payable	<u>\$25,700</u>
Total Liabilities	<u>25,700</u>
Shareholders' Equity	
Contributed Capital	30,600
Retained Earnings (<i>from the income statement above</i>)	<u>40,500</u>
Total Shareholders' Equity	<u>71,100</u>
Total Liabilities and Shareholders' Equity	<u>\$96,800</u>

Req. 2

Moncton Clay Corporation generated a profit of \$40,500, as indicated by "Net Income" on the income statement.

Req. 3

Moncton Clay Corporation should have no problem paying its liabilities because its total assets are more than three times its total liabilities ($\$96,800/\$25,700 = 3.77$ times), as indicated on the balance sheet. This means that Moncton Clay Corporation could pay its liabilities more than three times over if all assets on hand at January 31, were converted to cash. Of course, not all assets will be converted into cash right away. Even so, looking only at the amount of cash at the end of January, we see that Moncton Clay Corporation has enough cash to cover all its liabilities. This is a very strong financial position.

E1-10

Req. 1

Pest B-Gone Professionals generated more revenue from providing services to customers as opposed to selling goods.

Req. 2

Salaries and Wages = $\$33,000 \times 2 = \$66,000$

Net Income = $\$39,000 - \$33,000 = \$6,000$

If salaries and wages expense were to double, net income would decrease by \$33,000 resulting in a net income of \$6,000.

Req. 3

Advertising expense: $\$22,000$ total expense – $\$20,000$ paid = $\$2,000$ still owed.

The company would owe \$2,000 and this amount owing would be included in Accounts Payable on the balance sheet.

Req. 4

The \$10,000 in dividends would be reported on the statement of retained earnings.

E1-11

- | | |
|------------|--|
| <u>(O)</u> | 1. Cash paid to suppliers and employees |
| <u>O</u> | 2. Cash received from customers |
| <u>F</u> | 3. Cash received from borrowing long-term debt |
| <u>F</u> | 4. Cash received from issuing shares |
| <u>(I)</u> | 5. Cash paid to purchase equipment |

E1-12

- | | |
|------------|---|
| <u>(I)</u> | 1. Purchases of equipment |
| <u>O</u> | 2. Cash received from customers |
| <u>F</u> | 3. Cash received from issuing shares |
| <u>(O)</u> | 4. Cash paid to suppliers and employees |
| <u>(F)</u> | 5. Cash paid on notes payable |
| <u>I</u> | 6. Cash received from selling equipment |

ANSWERS TO COACHED PROBLEMS**CP1-1**

Req. 1

AWASIS BOOKS LTD.
Income Statement
For the Year Ended December 31

Sales Revenue	<u>\$88,000</u>
Expenses	
Operating Expenses	57,200
Other Expenses	<u>8,850</u>
Total Expenses	<u>66,050</u>
Net Income	<u><u>\$21,950</u></u>

Req.2

AWASIS BOOKS LTD.
Statement of Retained Earnings
For the Year Ended December 31

Retained Earnings, January 1	\$ 0
Add: Net Income	21,950
Subtract: Dividends	<u>(200)</u>
Retained Earnings, December 31	<u><u>\$21,750</u></u>

Req. 3

AWASIS BOOKS LTD.
Balance Sheet
At December 31

Assets	
Cash	\$ 12,000
Accounts Receivable	59,500
Supplies	8,000
Equipment	<u>36,000</u>
Total Assets	<u><u>\$115,500</u></u>
Liabilities	
Accounts Payable	\$ 30,297
Notes Payable	<u>1,470</u>
Total Liabilities	<u>31,767</u>
Shareholders' Equity	
Contributed Capital	61,983
Retained Earnings	<u>21,750</u>
Total Shareholders' Equity	<u>83,733</u>
Total Liabilities and Shareholders' Equity	<u><u>\$115,500</u></u>

CP1-2

Req. 1

Awasis Books Ltd. is profitable as indicated by the net income of \$21,950 reported on the income statement.

Req. 2

Awasis Books Ltd.'s statement of retained earnings shows that net income (\$21,950) exceeded its dividends (\$200).

Req. 3

Awasis Books Ltd.'s balance sheet reports that total liabilities of \$31,767 are less than total shareholders' equity of \$83,733, indicating that the company is financed mainly by shareholders.

Req. 4

Awasis Books Ltd. was founded at the beginning of the year, so it began with no cash. The balance sheet reports a cash balance of \$12,000 at the end of the year. The reasons for this increase of \$12,000 would be shown on the statement of cash flows.

CP1-3

Req. 1

FITNESS AND FUN INC.
Income Statement
For the Nine Months Ended September 30, 2023
(in thousands)

Gym Revenues	<u>\$575,667</u>
Expenses	
Gym Operating Expenses	350,835
Selling and Administrative Expenses	83,207
Advertising and Marketing Expenses	23,608
Interest and Other Expenses	20,316
Income Tax Expense	<u>38,895</u>
Total Expenses	<u>516,861</u>
Net Income	<u>\$ 58,806</u>

CP1-3 (continued)

Req. 2

FITNESS AND FUN, INC.
Statement of Retained Earnings
For the Nine Months Ended September 30, 2023
(in thousands)

Retained Earnings, January 1, 2023	\$199,890
Add: Net Income	58,806
Subtract: Dividends	<u>0</u>
Retained Earnings, September 30, 2023	<u><u>\$258,696</u></u>

Req. 3

FITNESS AND FUN, INC.
Balance Sheet
At September 30, 2023
(in thousands)

Assets	
Cash	\$ 7,119
Accounts Receivable	5,318
Supplies	14,739
Property and Equipment	1,451,641
Other Assets	<u>117,108</u>
Total Assets	<u><u>\$1,595,925</u></u>
Liabilities	
Accounts Payable	\$ 102,665
Accrued Liabilities	119,482
Notes Payable	647,120
Other Liabilities	<u>86,234</u>
Total Liabilities	<u><u>955,501</u></u>
Shareholders' Equity	
Contributed Capital	381,728
Retained Earnings	<u>258,696</u>
Total Shareholders' Equity	<u><u>640,424</u></u>
Total Liabilities and Shareholders' Equity	<u><u>\$1,595,925</u></u>

CP1-3 (continued)

Req. 4

FITNESS AND FUN, INC. Statement of Cash Flows For the Nine Months Ended September 30, 2023 (in thousands)	
Cash Flows from Operating Activities:	
Cash received from customers	\$574,824
Cash paid to suppliers and employees	<u>(472,265)</u>
Cash Provided by Operating Activities	<u>102,559</u>
Cash Flows from Investing Activities:	
Cash paid to purchase equipment	(354,255)
Cash received from sale of long-term assets	<u>161,885</u>
Cash Used in Investing Activities	<u>(192,370)</u>
Cash Flows from Financing Activities:	
Cash received from issuing common shares	9,061
Repayments of borrowings	(13,043)
Cash received from borrowings	<u>95,558</u>
Cash Provided by Financing Activities	<u>91,576</u>
Change in Cash	1,765
Beginning Cash Balance, January 1, 2023	<u>5,354</u>
Ending Cash Balance, September 30, 2023	<u>\$ 7,119</u>

CP1-4

Req. 1

With approximately \$956 million in total liabilities and \$640 million in total shareholders' equity, Fitness and Fun Inc. relies significantly more on creditors for its financing at September 30, 2023. This information is presented on the balance sheet.

Req. 2

With approximately \$382 million in Contributed Capital and \$259 million in Retained Earnings, shareholders' equity includes a greater amount of Contributed Capital (i.e., amounts shareholders contributed directly to the company) than Retained Earnings (i.e., amounts the company has earned and retained through profitable business operations) at September 30, 2023. This information is presented on the balance sheet.

ANSWERS TO GROUP A PROBLEMS**PA1-1**

Req. 1

CARIBOU POWER CORPORATION	
Income Statement	
For the Year Ended December 31	
Sales Revenue	<u>\$91,000</u>
Expenses	
Operating Expenses	58,700
Other Expenses	<u>8,850</u>
Total Expenses	<u>67,550</u>
Net Income	<u>\$23,450</u>

Req.2

CARIBOU POWER CORPORATION	
Statement of Retained Earnings	
For the Year Ended December 31	
Retained Earnings, January 1	\$ 0
Add: Net Income	23,450
Subtract: Dividends	<u>(1,950)</u>
Retained Earnings, December 31	<u>\$ 21,500</u>

Req. 3

CARIBOU POWER CORPORATION	
Balance Sheet	
At December 31	
Assets	
Cash	\$ 13,300
Accounts Receivable	9,550
Supplies	5,000
Equipment	<u>86,000</u>
Total Assets	<u>\$113,850</u>
Liabilities	
Accounts Payable	\$ 32,087
Notes Payable	<u>1,160</u>
Total Liabilities	<u>33,247</u>
Shareholders' Equity	
Contributed Capital	59,103
Retained Earnings	<u>21,500</u>
Total Shareholders' Equity	<u>80,603</u>
Total Liabilities and Shareholders' Equity	<u>\$113,850</u>

PA1-2

Req. 1

Caribou Power Corporation's balance sheet indicates that the company was financed mainly by shareholders at December 31 because total shareholders' equity (\$80,603) was greater than total liabilities (\$33,247).

Req. 2

Because this is Caribou Power Corporation's first year of operations, beginning cash would equal zero. Thus, the ending cash balance of \$13,300 shown on the balance sheet implies an increase in cash of \$13,300. The statement of cash flows would report the reasons for this change in cash.

Req. 3

Caribou Power Corporation was profitable, as indicated by the net income of \$23,450 reported on the income statement.

Req. 4

Caribou Power Corporation's dividends (\$1,950) did not exceed the net income of \$23,450, as reported on the statement of retained earnings.

PA1-3

Req. 1

COLLEGE PARK VETERINARY CLINIC
Income Statement
For the Year Ended June 30, 2023

Sales Revenue	<u>\$250,000</u>
Expenses	
Operating Expenses	185,700
Selling and Administrative Expenses	53,400
Advertising and Marketing Expenses	27,800
Interest Expense	<u>5,000</u>
Total Expenses	<u>271,900</u>
Net Loss	<u>\$ (21,900)</u>

PA1-3 (continued)

Req.2

COLLEGE PARK VETERINARY CLINIC
Statement of Retained Earnings
For the Year Ended June 30, 2023

Retained Earnings, July 1, 2022	\$ 50,000
Subtract: Net Loss	(21,900)
Subtract: Dividends	<u>(27,500)</u>
Retained Earnings, June 30, 2023	<u><u>\$ 600</u></u>

Req. 3

COLLEGE PARK VETERINARY CLINIC
Balance Sheet
At June 30, 2023

Assets	
Cash	\$ 5,000
Accounts Receivable	125,600
Supplies	25,000
Property and Equipment	242,500
Other Assets	<u>13,500</u>
Total Assets	<u><u>\$411,600</u></u>
Liabilities	
Accounts Payable	\$ 87,000
Notes Payable	150,000
Other Liabilities	<u>37,000</u>
Total Liabilities	<u><u>274,000</u></u>
Shareholders' Equity	
Contributed Capital	137,000
Retained Earnings	<u>600</u>
Total Shareholders' Equity	<u><u>137,600</u></u>
Total Liabilities and Shareholder's Equity	<u><u>\$411,600</u></u>

PA1-4

Req. 1

College Park Veterinary Clinic's income statement reported a net loss of \$21,900, indicating that the company was not profitable because expenses exceeded revenues.

Req. 2

College Park Veterinary Clinic's statement of retained earnings reported a retained earnings balance of \$600, after dividends of \$27,500 had been subtracted. This suggests the company could have declared additional dividends of \$600, if sufficient cash were available to pay them. As it turns out, the company's balance sheet reports cash of \$5,000, suggesting that additional dividends could be paid (without borrowing additional cash).

Req. 3

College Park Veterinary Clinic's balance sheet reports total liabilities of \$274,000 and shareholders' equity of \$137,600, indicating that the company is financed mainly by creditors.

Req. 4

It is not possible to determine the amount of cash increase or decrease that would be shown in the statement of cash flows from the information presented. To determine this change, we would either require the opening cash balance at July 1, 2022, or would require the necessary information to calculate the cash from or cash used in the operating, investing, and financing activities for the current year. None of this information is available in the information currently provided.

PA1-5

Req. 1

NICE BITE, INC.
Income Statement
For the Year Ended December 31, 2023
(in millions)

Revenues	
Restaurant Sales Revenue	\$3,920
Other Revenues	21
Total Revenues	<u>3,941</u>
Expenses	
Food and Supplies Expenses	1,415
Utilities and Other Expenses	1,104
Wages Expense	1,087
Selling and Administrative Expenses	235
Total Expenses	<u>3,841</u>
Net Income	<u><u>\$ 100</u></u>

PA1-5 (continued)

Req. 2

NICE BITE, INC.
Statement of Retained Earnings
For the Year Ended December 31, 2023
(in millions)

Retained Earnings, January 1, 2023	\$1,074
Add: Net Income	100
Less: Dividends	(39)
Retained Earnings, December 31, 2023	<u>\$1,135</u>

Req. 3

NICE BITE, INC.
Balance Sheet
At December 31, 2023
(in millions)

Assets	
Cash	\$ 94
Food and Supply Inventories	87
Property, Fixtures, and Equipment	1,549
Other Assets	529
Total Assets	<u>\$2,259</u>
Liabilities and Shareholders' Equity	
Liabilities	
Accounts Payable	\$ 166
Notes Payable	235
Wages and Taxes Payable	120
Other Liabilities	517
Total Liabilities	<u>1,038</u>
Shareholders' Equity	
Contributed Capital	86
Retained Earnings	1,135
Total Shareholders' Equity	<u>1,221</u>
Total Liabilities and Shareholders' Equity	<u>\$2,259</u>

PA1-5 (continued)

Req. 4

NICE BITE, INC.
Statement of Cash Flows
For the Year Ended December 31, 2023
(in millions)

Cash Flows from Operating Activities	
Cash received from customers	\$ 2,946
Cash paid to suppliers and employees	<u>(2,578)</u>
Cash Provided by Operating Activities	<u>368</u>
Cash Flows from Investing Activities	
Cash paid to purchase equipment	(384)
Cash received from sale of fixtures and equipment	32
Other cash outflows used for investing activities	<u>(2)</u>
Cash Used in Investing Activities	<u>(354)</u>
Cash Flows from Financing Activities	
Cash received from bank borrowings	375
Common shares issued to owners	16
Repayments of bank borrowings	(294)
Dividends paid in cash	(39)
Other cash outflows used for financing activities	<u>(62)</u>
Cash Used in Financing Activities	<u>(4)</u>
Change in Cash	10
Cash at January 1, 2023	<u>84</u>
Cash at December 31, 2023	<u><u>\$ 94</u></u>

ANSWERS TO GROUP B PROBLEMS

PB1-1

Req. 1

AEROSPACE EXPLORATIONS CORP.
Income Statement
For the Year Ended December 31

Sales Revenue	<u>\$94,000</u>
Expenses	
Operating Expenses	60,000
Other Expenses	<u>8,850</u>
Total Expenses	<u>68,850</u>
Net Income	<u>\$25,150</u>

Req. 2

AEROSPACE EXPLORATIONS CORP.
Statement of Retained Earnings
For the Year Ended December 31

Retained Earnings, January 1	\$ 0
Add: Net Income	25,150
Subtract: Dividends	<u>(1,100)</u>
Retained Earnings, December 31	<u>\$24,050</u>

Req. 3

AEROSPACE EXPLORATIONS CORP.
Balance Sheet
At December 31

Assets	
Cash	\$ 13,900
Accounts Receivable	9,500
Supplies	9,000
Equipment	<u>86,000</u>
Total Assets	<u>\$118,400</u>
Liabilities	
Accounts Payable	\$ 30,277
Notes Payable	<u>1,220</u>
Total Liabilities	<u>31,497</u>
Shareholders' Equity	
Contributed Capital	62,853
Retained Earnings	<u>24,050</u>
Total Shareholders' Equity	<u>86,903</u>
Total Liabilities and Shareholders' Equity	<u>\$118,400</u>

PB1-2

Req. 1

Aerospace Explorations' balance sheet reports total liabilities of \$31,497 and shareholders' equity of \$86,903, indicating that the company is financed mainly by shareholders.

Req. 2

Aerospace Explorations' income statement reported net income of \$25,150, indicating the company was profitable because revenues exceeded expenses.

Req. 3

Aerospace Explorations was founded at the beginning of the year, so it began with no cash. The balance sheet reports a cash balance of \$13,900 at the end of the year. The reasons for this increase of \$13,900 would be shown in the statement of cash flows.

Req. 4

Aerospace Explorations' dividends (\$1,100) did not exceed the net income of \$25,150, as reported on the statement of retained earnings

PB1-3

Req. 1

ROCK POINT ADVENTURES INC.
Income Statement
For the Year Ended June 30, 2023

Revenue	
Sales Revenue	\$143,098
Rental Revenue	34,986
Concessions Revenue	<u>25,873</u>
Total Revenue	<u>203,957</u>
Expenses	
Operating Expenses	74,390
Rent Expense	25,198
Concessions Expenses	21,985
Other Expenses	<u>4,278</u>
Total Expenses	<u>125,851</u>
Net Income	<u><u>\$ 78,106</u></u>

PB1-3 (continued)

Req. 2

ROCK POINT ADVENTURES INC.
Statement of Retained Earnings
For the Year Ended June 30, 2023

Retained Earnings, July 1, 2022	\$53,456
Add: Net Income	78,106
Subtract: Dividends	<u>(50,000)</u>
Retained Earnings, June 30, 2023	<u>\$81,562</u>

Req. 3

ROCK POINT ADVENTURES INC.
Balance Sheet
At June 30, 2023

Assets	
Accounts Receivable	\$124,579
Supplies	14,356
Property and Equipment	136,897
Other Assets	<u>3,857</u>
Total Assets	<u>\$279,689</u>
Liabilities	
Bank Overdraft	\$ 2,058
Accounts Payable	58,973
Notes Payable	74,985
Other Liabilities	<u>3,765</u>
Total Liabilities	<u>139,781</u>
Shareholders' Equity	
Contributed Capital	58,346
Retained Earnings	<u>81,562</u>
Total Shareholders' Equity	<u>139,908</u>
Total Liabilities and Shareholders' Equity	<u>\$279,689</u>

PB1-4

Req. 1

Rock Point Adventures Inc.'s income statement reported net income of \$78,106, indicating that the company was profitable because revenues exceeded expenses.

Req. 2

Rock Point Adventures Inc.'s statement of retained earnings reported a retained earnings balance of \$81,562, after dividends of \$50,000 had been subtracted. This suggests the company could have declared additional dividends of \$81,562, if sufficient cash were available to pay them. As it turns out, the company's balance sheet reports a bank overdraft of \$2,058, suggesting that no additional dividends could be paid (without borrowing additional cash).

Req. 3

Rock Point Adventures Inc.'s balance sheet reports total liabilities of \$139,781 and shareholders' equity of \$139,908, indicating that the company is financed equally by shareholders and creditors.

Req. 4

It is not possible to determine the amount of cash increase or decrease that would be shown in the statement of cash flows from the information presented. To determine this change, we would either require the opening cash balance at July 1, 2019, or would require the necessary information to calculate the cash from or cash used in the operating, investing, and financing activities for the current year. None of this information is available in the information currently provided.

PB1-5

Req. 1

CHEESE FACTORY INC.
Income Statement
For the Year Ended August 31, 2023
(in thousands)

Revenues	
Restaurant Sales Revenue	\$1,315,325
Other Revenues	8,171
Total Revenues	<u>1,323,496</u>
Expenses	
Wages Expenses	420,957
Utilities and Other Expenses	414,978
Food and Supplies Expense	333,528
Selling and Administrative Expenses	72,751
Total Expenses	<u>1,242,214</u>
Net Income	<u><u>\$ 81,282</u></u>

Req. 2

CHEESE FACTORY INC.
Statement of Retained Earnings
For the Year Ended August 31, 2023
(in thousands)

Retained Earnings, Beginning	\$440,510
Add: Net Income	81,282
Less: Dividends	<u>(49,994)</u>
Retained Earnings, Ending	<u><u>\$471,798</u></u>

PB1-5 (continued)

Req. 3

CHEESE FACTORY INC.
Balance Sheet
At August 31, 2023
(in thousands)

Assets	
Cash	\$ 44,790
Accounts Receivable	11,639
Food and Supply Inventories	20,775
Prepaid Rent	43,870
Property and Equipment	732,204
Other Assets	<u>186,453</u>
Total Assets	<u>\$1,039,731</u>
 Liabilities and Shareholders' Equity:	
Liabilities	
Accounts Payable	\$ 45,570
Notes Payable	39,381
Wages Payable	117,226
Other Liabilities	<u>126,012</u>
Total Liabilities	<u>328,189</u>
Shareholders' Equity	
Contributed Capital	239,744
Retained Earnings	<u>471,798</u>
Total Shareholders' Equity	<u>711,542</u>
Total Liabilities and Shareholders' Equity	<u>\$1,039,731</u>

PB1-5 (continued)

Req. 4

CHEESE FACTORY INC.
Statement of Cash Flows
For the Year Ended August 31, 2023
(in thousands)

Cash Flows from Operating Activities	
Cash received from customers	\$ 1,276,008
Cash paid to suppliers and employees	<u>(1,123,353)</u>
Cash Provided by Operating Activities	<u>152,655</u>
Cash Flows from Investing Activities	
Cash paid to purchase equipment	(243,211)
Cash received from sale of long-term assets	<u>115,975</u>
Cash Used in Investing Activities	<u>(127,236)</u>
Cash Flows from Financing Activities	
Additional investments by shareholders	33,555
Cash received from borrowings	175,000
Repayments of borrowings	(170,242)
Dividends paid in cash	<u>(49,994)</u>
Cash Used in Financing Activities	<u>(11,681)</u>
Change in Cash	13,738
Cash at September 1, 2022	<u>31,052</u>
Cash at August 31, 2023	<u><u>\$ 44,790</u></u>

ANSWERS TO SKILLS DEVELOPMENT CASES

S1-1

Req. 1

The Home Depot's income statement shows net income of \$16,433 (million). Note that the amounts on the financial statements are rounded to the nearest million, so this is actually \$16,433,000,000.

Req. 2

The income statement shows that the amount of sales was \$151,157 (million) for the year ended January 30, 2022.

Req. 3

The balance sheet shows that inventory costing \$22,068 (million) was on hand at January 30, 2022.

Req. 4

The balance sheet shows Cash totalling \$2,343 (million) at January 30, 2022.

Req. 5

Because The Home Depot's shares are traded on the New York Stock Exchange, The Home Depot must be a public company.

S1-2

Req. 1

The Home Depot's net earnings for the year ended January 30, 2022, was \$16,433 (million). Note that the amounts on these financial statements are rounded to the nearest million, so this is actually \$16,433,000,000. This is much higher than the net earnings of \$8,442 (million) earned by Lowe's Companies, Inc. for the year ended January 28, 2022.

Req. 2

The Home Depot's reported sales revenue of \$151,157 (million) for the year ended January 30, 2022. This is again higher than the \$96,250 (million) reported by Lowe's for the year ended January 28, 2022.

Req. 3

The Home Depot's inventory (merchandise inventories) as of January 30, 2022, was \$22,068 (million). This is higher than the \$17,605 (million) reported by Lowe's as of January 28, 2022.

Req. 4

The Home Depot's Cash (and Cash Equivalents) on January 30, 2022, was \$2,343 (million). This is again higher than the \$1,133 (million) reported by Lowe's at January 28, 2022.

Req. 5

Like The Home Depot, Lowe's Companies, Inc. is a public company. Its shares trades on the New York Stock Exchange under the symbol LOW.

Req. 6

Two measures of financial success are the company's Net Income and Sales Revenues. As noted for requirements 1 and 2, Home Depot reported much greater amounts for both of these measures, suggesting that the company was more successful during the 2021 fiscal year. It is important to note, though, that Home Depot is a bigger company than Lowe's, with more locations, more inventory (see requirement 3), and more total assets. Given these differences, it is reasonable to expect that Home Depot would produce more sales and net income than Lowe's. To truly determine whether Home Depot is run more successfully than Lowe's, a complete analysis is required. Such an analysis would take into account size differences between the two companies. (You'll learn about this kind of analysis in later chapters.)

S1-3

The solutions to this case will depend on the company and/or accounting period selected for analysis.

S1-4

Req. 1

The accounting concept that the Rigas family is accused of violating is the separate entity assumption.

Req. 2

Based on the limited information available, it is difficult to categorize particular dealings as appropriate or inappropriate. Dealings would clearly be inappropriate if they involved Adelphia paying for items for the owners' personal use or to unfairly transfer some of the resources of Adelphia (and its shareholders) to the Rigas family. However, we cannot determine the propriety of the payments from the limited information available.

Req. 3

Shareholders should take at least two actions to ensure this kind of behavior does not occur or does not occur without their knowledge. First, shareholders should ensure that the managers of the business are accountable for their actions. The most common way of doing this is to appoint a board of directors who are independent of top management. These directors should review and challenge the actions taken by management and require that the financial statements disclose significant transactions with related parties. Second, shareholders should read the financial statements, including any notes describing related party transactions. Any questionable dealings should be raised with top management at the company's annual meeting. If shareholders don't receive satisfactory answers to their concerns, they should sell their investment in the company's shares.

Req. 4

Other parties that might be harmed by the actions committed by the Rigas family are creditors (such as suppliers and banks), the company's auditors, governmental agencies (such as the IRS and SEC), and the public at large.

S1-5

Req. 1

You should take the position that an *independent* annual audit of the financial statements is an absolute must. This is the best way to ensure that the financial statements are complete, are free from bias, and conform with GAAP. You should be prepared to reject the partner's uncle as the auditor because there is no evidence about his competence as an accountant or auditor. Also, he does not appear independent because he is related to the partner who prepares the financial statements, resulting in a potential conflict of interest.

Req. 2

You should strongly recommend the selection of an independent CPA in public practice because the financial statements should be audited by a competent and independent professional who must follow prescribed accounting and auditing standards on a strictly independent basis. An audit by an uncle would not meet these requirements.

S1-6

Req. 1

A balance sheet lists items owned (assets) and owed (liabilities) at a particular point in time, producing a "net worth" that represents the excess of assets over liabilities. Two balance sheets are presented below, one based on historical costs (similar to GAAP) and one based on fair values (similar to a personal financial planning approach). Notes for these balance sheets also are presented, along with a conclusion about which individual is better off.

Based on historical cost:

Ashley		Jason	
Assets		Assets	
Cash	\$ 1,000	Cash	\$6,000
Artwork	800	PlayStation Console	250
Total Assets	<u>1,800</u>	Total Assets	<u>6,250</u>
Liabilities		Liabilities	
Loan Payable	250	Tuition Payable	800
Total Liabilities	<u>250</u>	Loan Payable	4,800
		Total Liabilities	<u>5,600</u>
Net Worth	<u>\$ 1,550</u>	Net Worth	<u>\$ 650</u>

S1-6 (continued):

Req. 1 (continued)

Based on fair value:

Ashley		Jason	
Assets		Assets	
Cash	\$ 1,000	Cash	\$6,000
Artwork	1,400	PlayStation Console	180
Total Assets	<u>2,400</u>	Total Assets	<u>6,180</u>
Liabilities		Liabilities	
Loan Payable	<u>250</u>	Tuition Payable	800
Total Liabilities	<u>250</u>	Loan Payable	<u>4,800</u>
		Total Liabilities	<u>5,600</u>
Net Worth	<u>\$ 2,150</u>	Net Worth	<u>\$ 580</u>

The notes are an important part of these balance sheets.

Notes:

- 1) The goal in preparing these balance sheets is to estimate each individual's net worth, represented as the excess of assets over liabilities.
- 2) Use of historical cost is consistent with generally accepted accounting principles. Note that these asset values have not been adjusted for "value" consumed through use, which is not consistent with generally accepted accounting principles. The fair value balance sheets are based on the estimated current values of assets, some of which are greater and others less than their cost.
- 3) Some potential assets (e.g., Porsche) are not recorded because their likelihood of occurrence is not certain.

Req. 2

Based on the calculations of net worth and underlying assumptions indicated above, Ashley is "better off" because her net worth (\$1,550 or \$2,150) is greater than Jason's (\$650 or \$580). A creditor is more likely to lend money to Ashley because she has a greater net worth. Alternatively, a creditor might lend to both characters, but charge Jason a higher interest rate to compensate for the increased risk that he might not be able to repay the loan.

Note that choosing between historical cost and fair values inevitably requires trading off the reliability of accounting information (cost is not as subjective as fair values) and the potential relevance of that information (fair values may be more relevant when determining an individual's net worth).

S1-6 (continued):**Req. 3**

An income statement lists the amounts earned (revenues) and costs incurred (expenses) during a particular period of time, producing “net income” that represents the excess of revenues over expenses. An income statement is presented below for both Ashley and Jason. Notes for these income statements are presented below, along with a conclusion about which individual is more successful.

Ashley		Jason	
Revenue		Revenue	
Part-Time Job (for October)	<u>\$ 1,500</u>	Lottery Ticket Winnings	<u>\$ 1,950</u>
Expenses		Expenses	
Rent Expense (for October)	470	Rent Expense (for October)	800
Living Expenses (for October)	<u>950</u>	Living Expenses (for October)	<u>950</u>
Total Expenses	<u>1,420</u>	Total Expenses	<u>1,750</u>
Net Income	<u><u>\$ 80</u></u>	Net Income	<u><u>\$ 200</u></u>

Notes:

- 1) Jason’s lottery ticket winnings are not likely to recur in the future.
- 2) Income taxes are not reported (although they would apply to both Ashley and Jason).

Req.4**Conclusion:**

Based on the net income numbers alone, Jason was more successful in the current period. However, his revenues are likely to be non-recurring, whereas Ashley’s appear more stable and likely to recur in the future. For this reason, one might conclude that Ashley actually was more successful, but that the current period’s net income does not yet reflect this greater success. As a long-term creditor, it would be better to lend money to Ashley as she has a more stable source of income to meet future expenses. Notice that you should not reach a conclusion based only on the numbers.

S1-7

S1-7.xlsx - Microsoft Excel

Home Insert Page Layout Formulas Data Review View

C12 fx =SUM(C7:C11)

	A	B	C	D
1		Electronic Arts		
2		Balance Sheet		
3		As of September 30		
4		(in millions)		
5				
6		ASSETS		
7		Cash	\$ 2,412	
8		Accounts Receivable	328	
9		Inventories	367	
10		Property and Equipment	364	
11		Other Assets	283	
12		Total Assets	\$ 3,754	
13				
14		LIABILITIES		
15		Accounts Payable	\$ 171	
16		Notes Payable	12	
17		Other Liabilities	587	
18		Total Liabilities	770	
19		SHAREHOLDERS' EQUITY		
20		Contributed Capital	986	
21		Retained Earnings	1,998	
22		Total Shareholders' Equity	2,984	
23		Total Liabilities and Shareholders' Equity	\$ 3,754	
24				

Balance Sheet Income Statement

Ready 100%

S1-7 (continued)

	A	B	C
1		Electronic Arts	
2		Income Statement	
3		For the Period Ending September 30	
4		(in millions)	
5			
6		Revenue	
7		Sales	\$ 675
8		Expenses	
9		Cost of Goods Sold Expense	284
10		Selling Expense	223
11		Promotion Expense	107
12		Income Tax Expense	9
13		Other Expenses	1
14		Total Expenses	624
15		Net Income	\$ 51
16			

ANSWERS TO CONTINUING CASE

CC1-1

Req. 1

NICOLE'S GETAWAY SPA
Income Statement (forecasted)
For the Year Ended December 31, 2023

Sales Revenue	<u>\$40,000</u>
Expenses	
Wages Expense	24,000
Supplies Expense	7,000
Selling and Administrative Expenses	5,000
Income Tax Expense	<u>1,600</u>
Total Expenses	<u>37,600</u>
Net Income	<u><u>\$ 2,400</u></u>

CC1-1 (continued)

Req. 2

NICOLE'S GETAWAY SPA
Statement of Retained Earnings (forecasted)
For the Year Ended December 31, 2023

Retained Earnings, January 1, 2023	\$ 0
Add: Net Income	2,400
Subtract: Dividends	<u>(2,000)</u>
Retained Earnings, December 31, 2023	<u>\$ 400</u>

Req. 3

NICOLE'S GETAWAY SPA
Balance Sheet (forecasted)
At December 31, 2023

Assets	
Cash	\$ 2,150
Accounts Receivable	1,780
Building and Equipment	<u>70,000</u>
Total Assets	<u>\$73,930</u>
Liabilities	
Accounts Payable	\$ 4,660
Notes Payable	<u>38,870</u>
Total Liabilities	<u>43,530</u>
Shareholders' Equity	
Contributed Capital	30,000
Retained Earnings	<u>400</u>
Total Shareholders' Equity	<u>30,400</u>
Total Liabilities and Shareholders' Equity	<u>\$73,930</u>

Req. 4

As of December 31, 2023, more financing is expected to come from creditors (\$43,530) than from shareholders (\$30,400).